

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Sutter Maintenance Yard Maintenance Area 0007

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	11.90	11/19/2014 11/19/2014	Matthew Hoffman

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0007_01_s_2013_1				
Action/Comments					
Inspector Comments: The O&M manuals are located at the Sutter Maintenance Yard.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0007_01_s_2013_3				
Action/Comments					
Inspector Comments: Emergency supplies and equipment are stored at the Sutter Maintenance Yard.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0007_01_s_2013_4				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard employees attend the annual Flood Fight class put on by DWR inspector Bob Duffy.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Feather River	Right	11.90	11/19/2014 11/19/2014	Matthew Hoffman

LM Start	0.42	Rating **	M	Issue No.	216
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.316451 °	39.316451 °
				-121.633837 °	-121.633837 °
DWR ID	DWR_MA0007_01_f_2013_216				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove tree between levee crown and ditch on landward side.					

Photo 1 of 1 : FA_2014_MA0007_200_216_20141110_00012.jpg



This photo was taken from the levee crown facing south looking down the landward slope at a tree growing near the toe. Fall 2013.

LM Start	0.46	Rating **	M	Issue No.	217
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.317050 °	39.317050 °
				-121.633331 °	-121.633331 °
DWR ID	DWR_MA0007_01_f_2013_217				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Rodents holes were observed but no rodents visable at time of inspection.					

Photo 1 of 2 : FA_2014_MA0007_200_217_20141110_00013.jpg



Up close photo of said rodent holes. Fall 2013.

LM Start	0.46	Rating **	M	Issue No.	217 (cont)
LM End	0.46	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_MA0007_200_217_20141110_00014.jpg



This photo was taken from the crown of the levee facing north looking down the slope at rodent holes. Fall 2013.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	11.90	11/19/2014 11/19/2014	Matthew Hoffman

LM Start	1.55	Rating **	M	Issue No.	2
LM End	1.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.332000 °	39.334240 °
				-121.633178 °	-121.633908 °
DWR ID	DWR_MA0007_01_f_2014_2				
Action/Comments					
Inspector Comments: 2011 - The toe of the levee has been excavated by the land owner. Small holes throughout the site have been filled with a plaster like substance. Large canal on landside slope and over the levee toe. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: FHR_47-5_R]					

No Photos

LM Start	1.71	Rating **	M	Issue No.	220
LM End	1.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.334157 °	39.334157 °
				-121.633964 °	-121.633964 °
DWR ID	DWR_MA0007_01_f_2013_220				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Blackberry bushes on the landward levee slope.					

No Photos

LM Start	4.44	Rating **	M	Issue No.	8
LM End	4.44	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.366726 °	39.367606 °
				-121.647217 °	-121.647866 °
DWR ID	DWR_MA0007_01_f_2014_8				
Action/Comments					
Inspector Comments: 2012 - Oversteepened slope with failing rock (from repair completed in 1954). Likely slope stability issues. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: FHR_50-9_R]					

No Photos

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